

ABSTRACT OF THE DISCLOSURE

Embodiments of the present invention relate to a method for receiving a first sequence of values and a second sequence of values. Each value in the first sequence and each value in the second sequence is associated with a category and a magnitude. In embodiments of the present invention, the magnitudes are partial. In embodiments of the present invention the categories are bins. In embodiments of the present invention each value of a sequence is a bit. In the order of the values of both the first sequence of values and the second sequence of values, no adjacent bodies have the same category. Accordingly, in embodiments of the present invention, when a histogram is transferred or received for analysis, the order of the information in the histogram can be strategically ordered to increase compatibility of histograms and utilize partials of histograms in an image search.